PATCH

```
PPPPPPP    AAAAAA   TTTTTTTTTT  SSSSSSSS  TTTTTTTTTT   000000
PPPPPPP    AAAAAA   TTTTTTTTTT  SSSSSSSS  TTTTTTTTTT   000000
PP    PP  AA    AA      TT      SS            TT      00      00
PP    PP  AA    AA      TT      SS            TT      00      00
PP    PP  AA    AA      TT      SS            TT      00      00
PPPPPPP   AA    AA      TT        SSSSSS      TT      00      00
PPPPPPP   AA    AA      TT        SSSSSS      TT      00      00
PP        AAAAAAAAAA    TT            SS      TT      00      00
PP        AAAAAAAAAA    TT            SS      TT      00      00
PP        AA    AA      TT            SS      TT      00      00  ....
PP        AA    AA      TT            SS      TT      00      00  ....
PP        AA    AA      TT      SSSSSSSS      TT       000000     ....
PP        AA    AA      TT      SSSSSSSS      TT       000000     ....


LL         IIIIII    SSSSSSSS
LL         IIIIII    SSSSSSSS
LL           II    SS
LL           II    SS
LL           II    SS
LL           II      SSSSSS
LL           II      SSSSSS
LL           II            SS
LL           II            SS
LL           II            SS
LL           II            SS
LLLLLLLLLL  IIIIII   SSSSSSSS
LLLLLLLLLL  IIIIII   SSSSSSSS
```

```
     1     0001  0
     2     0002  0
     3     0003  0
     4     0004  0
L    5     0005  0  MODULE PATSTO (%IF %VARIANT EQL 1
     6     0006  0                      %THEN
     7     0007  0                              ADDRESSING_MODE (EXTERNAL = LONG_RELATIVE,
     8     0008  0                                               NONEXTERNAL = LONG_RELATIVE),
     9     0009  0                      %FI
    10     0010  0                      IDENT = 'V04-000') =
    11     0011  1  BEGIN
    12     0012  1
    13     0013  1  !*******************************************************************************
    14     0014  1  !*                                                                             *
    15     0015  1  !*  COPYRIGHT (c) 1978, 1980, 1982, 1984 BY                                    *
    16     0016  1  !*  DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.                     *
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    21     0021  1  !*  INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR  ANY  OTHER      *
    22     0022  1  !*  COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY      *
    23     0023  1  !*  OTHER PERSON.  NO TITLE TO AND OWNERSHIP OF  THE  SOFTWARE IS  HEREBY      *
    24     0024  1  !*  TRANSFERRED.                                                               *
    25     0025  1  !*                                                                             *
    26     0026  1  !*  THE INFORMATION IN THIS SOFTWARE IS  SUBJECT TO CHANGE WITHOUT NOTICE      *
    27     0027  1  !*  AND  SHOULD  NOT  BE  CONSTRUED AS  A COMMITMENT BY DIGITAL EQUIPMENT      *
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    29     0029  1  !*                                                                             *
    30     0030  1  !*  DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE  OR  RELIABILITY OF ITS      *
    31     0031  1  !*  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.                    *
    32     0032  1  !*                                                                             *
    33     0033  1  !*                                                                             *
    34     0034  1  !*******************************************************************************
    35     0035  1
    36     0036  1  ! FACILITY:    PATCH
    37     0037  1
    38     0038  1  !++
    39     0039  1  ! FUNCTIONAL DESCRIPTION:
    40     0040  1  !     DECLARES GLOBAL VARIABLES FOR PATCH FACILITY
    41     0041  1  !
    42     0042  1  ! History:
    43     0043  1  !       Author:
    44     0044  1  !             Carol Peters, 03 Jul 1976: Version 01
    45     0045  1  !
    46     0046  1  ! Modified by:
    47     0047  1  !
    48     0048  1  !       V03-005 MCN0157         Maria del C. Nasr        14-Feb-1984
    49     0049  1  !             Now we are doing user open of input file to be able
    50     0050  1  !             to use the new image activator routines.
    51     0051  1  !
    52     0052  1  !       V03-004 MCN150          Maria del C. Nasr        06-Feb-1984
    53     0053  1  !             Define global variable PAT$GL_CHANUM to hold channel
    54     0054  1  !             for call to LIB$_CREMAPSEC.
    55     0055  1  !
    56     0056  1  !       V03-003 MTR0021         Mike Rhodes              27-Apr-1983
    57     0057  1  !             Increase PAT$K_MEMEXP to 20.
```

```
  58      0058  1
  59      0059  1
  60      0060  1        V03-002 MTR0016         Mike Rhodes              29-Oct-1982
  61      0061  1                Add PAT$GW_IMGTYP word.  This word describes the type
  62      0062  1                of image (normal, cli, compatibility, etc.) to the
  63      0063  1                image activator.  It is located in the last word of
  64      0064  1                the first VBN of the image.
  65      0065  1
  66      0066  1        V03-001 MTR0012         Mike Rhodes              16-Aug-1982
  67      0067  1                Modify file names to remove duplicate file name useage
  68      0068  1                between code and require files.
  69      0069  1
  70      0070  1        V02-020 MTR0001         Mike Rhodes              20-Aug-1981
  71      0071  1                Add global descriptor for allowing LBR$OUTPUT_HELP
  72      0072  1                to access the remainder of the command line without
  73      0073  1                intervention from PATCH's parser.
  74      0074  1                The symbol is PAT$GL_HELP_LIN.
  75      0075  1
  76      0076  1        V02-019 BLS0043         Benn Schreiber           10-Apr-1981
  77      0077  1                Add XABFHC for input file
  78      0078  1
  79      0079  1        V02-018 PCG0001         Peter George             02-FEB-1981
  80      0080  1                Add require statement for LIB$:PATDEF.REQ
  81      0081  1 !--
```

PATSTO
V04-000
K 2
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Page 3
DISK$VMSMASTER:[PATCH.SRC]PATSTO.B32;1 (2)

```
:   83        0082  1  LIBRARY 'SYS$LIBRARY:STARLET.L32';
:   84        0083  1  REQUIRE 'SRC$:PATRTS.REQ';
:   85        1179  1  REQUIRE 'SRC$:PATGEN.REQ';
:   86        1401  1  REQUIRE 'SRC$:SYSLIT.REQ';
:   87        1451  1  REQUIRE 'SRC$:VXPALT.REQ';
:   88        1503  1  REQUIRE 'SRC$:PREFIX.REQ';
:   89        1691  1  REQUIRE 'LIB$:PATDEF.REQ';                        ! Defines literals
:   90        1745  1  REQUIRE 'LIB$:PATMSG.REQ';
:   91        1919  1
:   92        1920  1  BIND
:   93        1921  1          PAT$B_DEFJNL = UPLIT(BYTE('.JNL')),       ! Default journal file type
:   94        1922  1          PAT$B_DEFIMG = UPLIT(BYTE('.EXE')),       ! Default image file type
:   95        1923  1          PAT$B_DEFCOM = UPLIT(BYTE('.COM'));       ! Default command file type
:   96        1924  1
:   97        1925  1  GLOBAL BIND
:   98        1926  1  PAT$GB_ERRNAME = UPLIT(BYTE('SYS$ERROR'))         ! Logical error channel name
:   99        1927  1          PAT$GB_OUTNAME = UPLIT(BYTE('SYS$OUTPUT')), ! Logical output channel name
:  100        1928  1          PAT$GB_INPNAME = UPLIT(BYTE('SYS$INPUT')); ! Logical input channel name
:  101        1929  1
:  102        1930  1  GLOBAL LITERAL
:  103        1931  1          PAT$K_MEMEXP = 20,                        ! Number of pages to expand free memory
:  104        1932  1          PAT$K_MAXBLKSIZ = PAT$K_MEMEXP*512,       ! Maximum allocation size
:  105        1933  1          PAT$K_ERRNAMLNG = %CHARCOUNT('SYS$ERROR'), ! Length of error channel name
:  106        1934  1          PAT$K_INPNAMLNG = %CHARCOUNT('SYS$INPUT') ! Length of input channel name
:  107        1935  1          PAT$K_OUTNAMLNG = %CHARCOUNT('SYS$OUTPUT'); ! Length of output channel name
:  108        1936  1
:  109        1937  1  LITERAL
:  110        1938  1          PAT$K_BUFSIZ = 512,                       ! I/O buffer sizes
:  111        1939  1          PAT$K_DEFTYPLNG = 4;                      ! Default file type lengths
:  112        1940  1
:  113        1941  1  OWN
:  114        1942  1          PAT$GB_OUTBUF: VECTOR [PAT$K_BUFSIZ,BYTE]; ! Output buffer
:  115        1943  1
:  116        1944  1  GLOBAL
:  117        1945  1          !++
:  118        1946  1          ! These are byte vectors.
:  119        1947  1          !--
:  120        1948  1          PAT$GB_SUBST_IN: VECTOR [80,BYTE],        ! Substitution instruction counted byte stre
:  121        1949  1          PAT$GB_DEF_MOD: VECTOR [MODE_LEVELS * MODE_LVL_SIZE, BYTE], ! Default mode block
:  122        1950  1          PAT$GB_JNLNAME: VECTOR [NAM$C_MAXRSS,BYTE], ! Resultant journal file name
:  123        1951  1          PAT$GB_COMNAME: VECTOR [NAM$C_MAXRSS,BYTE], ! Resultant output command file name
:  124        1952  1          PAT$GB_NEWNAME: VECTOR [NAM$C_MAXRSS,BYTE], ! Resultant output image file name
:  125        1953  1          PAT$GB_OLDNAME: VECTOR [NAM$C_MAXRSS,BYTE], ! Resultant old image file name
:  126        1954  1          PAT$GB_INPBUF: VECTOR [PAT$K_BUFSIZ,BYTE], ! Input buffer
:  127        1955  1
:  128        1956  1          !++
:  129        1957  1          ! REFS to more complicated structures which are defined in PATRST.REQ.
:  130        1958  1          !--
:  131        1959  1          PAT$GL_CSP_PTR : REF PATHNAME_VECTOR,     ! Pointer to current scope record (CSP)
:  132        1960  1          PAT$GL_MC_PTR : REF MC_RECORD            ! Pointer to module chain (MC)
:  133        1961  1          PAT$GL_NT_HASH : REF RST_POINTER,        ! Pointer to name table hash vector (NT)
:  134        1962  1
:  135        1963  1          !++
:  136        1964  1          ! Declare the FAB and RAB blocks for terminal I/O.
:  137        1965  1          !--
:  138     P  1966  1          PAT$GL_INPFAB:  $FAB (FAC=GET
:  139     P  1967  1                                  , FNA=PAT$GB_INPNAME
```

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```
   140        P 1968  1                                              , FNS=PAT$K_INPNAMLNG
   141          1969  1                                              MRS=NO_OF_INP_CHARS),
   142        P 1970  1                            PAT$GL_OUTFAB: $FAB (FAC=PUT
   143        P 1971  1                                              , RAT=CR
   144        P 1972  1                                              , FNA=PAT$GB_OUTNAME
   145        P 1973  1                                              , FNS=PAT$K_OUTNAMLNG
   146          1974  1                                              MRS=TTY_OUT_WIDTH),
   147        P 1975  1                            PAT$GL_ERRFAB: $FAB (FAC=PUT
   148        P 1976  1                                              , RAT=CR
   149        P 1977  1                                              , FNA=PAT$GB_ERRNAME
   150        P 1978  1                                              , FNS=PAT$K_ERRNAMLNG
   151          1979  1                                              MRS=TTY_OUT_WIDTH),
   152        P 1980  1                            PAT$GL_INPRAB:  $RAB (USZ=NO_OF_INP_CHARS
   153        P 1981  1                                              , FAB=PAT$GL_INPFAB
   154          1982  1                                              ROP=<PMT>),
   155          1983  1                            PAT$GL_OUTRAB: $RAB (FAB=PAT$GL_OUTFAB),
   156        P 1984  1                            PAT$GL_ERRRAB:  $RAB (FAB=PAT$GL_ERRFAB
   157          1985  1                                              ROP=CCO),
   158        P 1986  1                            PAT$GL_OLDNBK: $NAM(RSA=PAT$GB_OLDNAME
   159        P 1987  1                                              , RSS=NAM$C_MAXRSS
   160        P 1988  1                                              , ESA=PAT$GB_OLDNAME
   161          1989  1                                              ESS=NAM$C_MAXRSS),
   162        P 1990  1                            PAT$GL_JNLNBK: $NAM(RSA=PAT$GB_JNLNAME
   163        P 1991  1                                              , RSS=NAM$C_MAXRSS
   164        P 1992  1                                              , ESA=PAT$GB_JNLNAME
   165        P 1993  1                                              , ESS=NAM$C_MAXRSS
   166          1994  1                                              RLF=PAT$GL_OLDNBK),
   167        P 1995  1                            PAT$GL_COMNBK: $NAM(RSA=PAT$GB_COMNAME
   168        P 1996  1                                              , RSS=NAM$C_MAXRSS
   169        P 1997  1                                              , ESA=PAT$GB_COMNAME
   170        P 1998  1                                              ESS=NAM$C_MAXRSS
   171          1999  1                                              RLF=PAT$GL_OLDNBK),
   172        P 2000  1                            PAT$GL_NEWNBK: $NAM(RSA=PAT$GB_NEWNAME
   173        P 2001  1                                              , RSS=NAM$C_MAXRSS
   174        P 2002  1                                              , ESA=PAT$GB_NEWNAME
   175        P 2003  1                                              , ESS=NAM$C_MAXRSS
   176          2004  1                                              RLF=PAT$GL_OLDNBK),
   177          2005  1                            PAT$GL_OLDXABFH : $XABFHC(NXT=0),
   178        P 2006  1                            PAT$GL_NEWXABALL: $XABALL(AOP=HRD        ! Used when ALN = LBN
   179          2007  1                                              LOC=0),               ! To keep XAB$C_LBN transparent
   180        P 2008  1                            PAT$GL_JNLFAB: $FAB(NAM=PAT$GL_JNLNBK
   181        P 2009  1                                              , MRS=A_PAGE
   182        P 2010  1                                              , DNA=PAT$B_DEFJNL
   183        P 2011  1                                              , RAT=CR
   184        P 2012  1                                              , DNS=PAT$K_DEFTYPLNG
   185        P 2013  1                                              , FOP=(CIF,OFP)
   186        P 2014  1                                              , FAC=PUT
   187          2015  1                                              , SHR=NIL),
   188        P 2016  1                            PAT$GL_COMFAB: $FAB(NAM=PAT$GL_COMNBK
   189        P 2017  1                                              , MRS=A_PAGE
   190        P 2018  1                                              , DNA=PAT$B_DEFCOM
   191        P 2019  1                                              , RAT=CR
   192        P 2020  1                                              , DNS=PAT$K_DEFTYPLNG
   193        P 2021  1                                              , FOP=OFP
   194        P 2022  1                                              , FAC=PUT
   195          2023  1                                              , SHR=NIL),
   196        P 2024  1                            PAT$GL_NEWFAB: $FAB(NAM=PAT$GL_NEWNBK
```

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```
197    P 2025  1                                        , XAB=PAT$GL_NEWXABALL
198    P 2026  1                                        , MRS=A_PAGE
199    P 2027  1                                        , RFM=FIX
200    P 2028  1                                        , DNA=PAT$B_DEFIMG
201    P 2029  1                                        , DNS=PAT$K_DEFTYPLNG
202    P 2030  1                                        , FOP=OFP
203    P 2031  1                                        , FAC=<PUT,BRO,GET,TRN>
204    2032  1                                          SHR=NIL),
205    P 2033  1          PAT$GL_OLDFAB: $FAB(NAM=PAT$GL_OLDNBK
206    P 2034  1                                        , XAB=PAT$GL_OLDXABFH
207    P 2035  1                                        , DNA=PAT$B_DEFIMG
208    P 2036  1                                        , DNS=PAT$K_DEFTYPLNG
209    2037  1                                        , FOP=UFO),
210    P 2038  1          PAT$GL_JNLRAB: $RAB(ROP=EOF
211    P 2039  1                                        , RBF=PAT$GB_OUTBUF
212    2040  1                                        , RSZ=PAT$K_BUFSIZ
213    2041  1                                        , FAB=PAT$G[_JNLFAB),
214    P 2042  1          PAT$GL_COMRAB: $RAB(RBF=PAT$GB_OUTBUF
215    P 2043  1                                        , RSZ=PAT$K_BUFSIZ
216    2044  1                                        , FAB=PAT$G[_COMFAB),
217    P 2045  1          PAT$GL_OLDRAB: $RAB(RBF=PAT$GB_INPBUF
218    P 2046  1                                        , RSZ=PAT$K_BUFSIZ
219    P 2047  1                                        , UBF=PAT$GB_INPBUF
220    P 2048  1                                        , USZ=PAT$K_BUFSIZ
221    2049  1                                        , FAB=PAT$G[_OLDFAB),
222    P 2050  1          PAT$GL_NEWRAB: $RAB(RBF=PAT$GB_OUTBUF
223    P 2051  1                                        , RSZ=PAT$K_BUFSIZ
224    2052  1                                        , FAB=PAT$G[_NEWFAB),
225    2053  1
226    2054  1          !++
227    2055  1          ! These are the only bitvectors.
228    2056  1          !--
229    2057  1          PAT$GL_CONTEXT: BITVECTOR [CONTEXT_BITS],        ! Context longword
230    2058  1          PAT$GL_COMQUAL: BITVECTOR [CONTEXT_BITS],        ! Command qualifier context bits
231    2059  1
232    2060  1          !++
233    2061  1          ! These are global bytes.
234    2062  1          !--
235    2063  1          PAT$GB_ECOLVL: BYTE,                             ! ECO level for patches currently being perf
236    2064  1          PAT$GB_EXEC_CMD: BYTE,                           ! Indicator whether or not to execute PATCH
237    2065  1          PAT$GB_SYMBOLS: BYTE,                            ! Indicator if image has symbols
238    2066  1          PAT$GB_LOC_TYPE: BYTE,                           ! Tells what sort of end range location
239    2067  1          PAT$GB_TAKE_CMD: BYTE,                           ! BOOLEAN, TRUE if another command will be r
240    2068  1
241    2069  1          !++
242    2070  1          ! Now REFs to byte vectors. Don't confuse these with byte
243    2071  1          ! vectors.
244    2072  1          !--
245    2073  1          PAT$GL_HELP_LIN : BLOCK [8, BYTE],               ! Descriptor for remainder of command string
246    2074  1          PAT$CP_OUT_STR : REF VECTOR [, BYTE],            ! Points into current output buffer.
247    2075  1          PAT$GB_MOD_PTR: REF VECTOR [, BYTE],             ! Pointer to current mode level
248    2076  1
249    2077  1          !++
250    2078  1          ! Normal longword vectors.
251    2079  1          !--
252    2080  1          PAT$GL_ISVADDR : VECTOR[2,LONG],                 ! Start and ending addrs for last mapped ima
253    2081  1          PAT$GL_SEMAN1: VECTOR [MAX_STACK_PTR * PAT$K_STELM_SIZ], ! Semantic stack for tokens
```

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V04-000

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```
 254   2082  1       PAT$GL_SEMAN2: VECTOR [MAX_STACK_PTR * PAT$K_STELM_SIZ], ! Semantic stack for pointers to strings
 255   2083  1       PAT$GL_ECO_UPD: VECTOR [4],                              ! Bits corresponding to ECO levels to be upd
 256   2084  1       PAT$GL_MEM_HD: VECTOR[2] INITIAL (0,0),                  ! Free memory listhead
 257   2085  1       PAT$GL_TEMP_BUF: VECTOR[2] INITIAL (0,0),                ! String descriptor for temporary deposit bu
 258   2086  1       PAT$GL_OLD_ASD: VECTOR[2] INITIAL (0,0),                 ! String descriptor for old contents assembl
 259   2087  1       PAT$GL_NEW_ASD: VECTOR[2] INITIAL (0,0),                 ! String descriptor for new contents assembl
 260   2088  1       PAT$GL_RLOC_BUF: VECTOR[2] INITIAL (0,0),                ! String descriptor for relocation buffer
 261   2089  1
 262   2090  1       !++
 263   2091  1       ! And finally the global scalar longwords.
 264   2092  1       !--
 265   2093  1       PAT$CP_INP_DSCS,                                         ! Pointer to input line descriptor table
 266   2094  1       PAT$GL_BR_DISPL: SIGNED LONG,                            ! Branch displacement that didn't fit
 267   2095  1       PAT$GL_CHANUM : INITIAL (0),                             ! Channel number
 268   2096  1       PAT$GL_ERRCODE,                                          ! Error code
 269   2097  1       PAT$GL_EXPANDVA,                                         ! First expand region address
 270   2098  1       PAT$GL_NEWVBNMX,                                         ! Maximum VBN in new image file
 271   2099  1       PAT$GL_NEWVPNMX,                                         ! Maximum VPN in new image file
 272   2100  1       PAT$GL_OLDVBNMX,                                         ! Old file max VBN used for image section bi
 273   2101  1       PAT$GL_FWRLHD,                                           ! ForWard Reference table listhead
 274   2102  1       PAT$GL_PAL_LHD,                                          ! Patch area listhead
 275   2103  1       PAT$GL_PATAREA,                                          ! Holds address of patch area descriptor
 276   2104  1       PAT$GL_RST_BEGN,                                         ! Beginning address of RST
 277   2105  1       PAT$GL_SYMHEAD,                                          ! Symbol listhead
 278   2106  1       PAT$GL_OLDLABLS,                                         ! Listhead for old contents relocated instru
 279   2107  1       PAT$GL_NEWLABLS,                                         ! Listhead for new contents un-relocated ins
 280   2108  1       PAT$GL_RLCLABLS,                                         ! Listhead for relocated instruction labels
 281   2109  1       PAT$GL_SYMTBPTR,                                         ! Pointer to current symbol table to be sear
 282   2110  1       PAT$GL_MINADDR: INITIAL(CONTROL_REGION),                 ! Lowest address ever allocated
 283   2111  1       PAT$GL_ISELHD: LONG,                                     ! Image section table listhead
 284   2112  1       PAT$GL_ISETAIL: LONG,                                    ! Last entry in image section table
 285   2113  1       PAT$GL_TXTLHD: LONG,                                     ! Patch command text listhead
 286   2114  1       PAT$GL_TXTFREE: LONG,                                    ! Address of next free command text buffer
 287   2115  1       PAT$GL_TXTTAIL: LONG,                                    ! Pointer to last command text block
 288   2116  1       PAT$GL_IMGBLKS: LONG,                                    ! Number of blocks in new image file
 289   2117  1       PAT$GW_IMGVOL: WORD,                                     ! Relative Volume Number for new image
 290   2118  1       PAT$GL_FLAGS: LONG,                                      ! CLI flags
 291   2119  1       PAT$GL_IHPPTR: REF BLOCK[,BYTE],                         ! Pointer to image header patch section
 292   2120  1       PAT$GL_IMGHDR: REF BLOCK[,BYTE];                         ! Holds address of image header data
 293   2121  1       PAT$GL_BUF_SIZ,                                          ! Character count in output buffer
 294   2122  1       PAT$GL_KEYQ_TBL,                                         ! Name of current keyword table
 295   2123  1       PAT$GL_HEAD_LST,                                         ! Head of linked argument list
 296   2124  1       PAT$GL_TAIL_LST,                                         ! Tail of linked argument list
 297   2125  1       PAT$GL_LAST_LOC,                                         ! Last location displayed
 298   2126  1       PAT$GL_LAST_VAL,                                         ! Last value displayed
 299   2127  1       PAT$GL_NEXT_LOC,                                         ! Next location to display
 300   2128  1       PAT$GW_IMGTYP: WORD;                                     ! Image Type identifier.
 301   2129  1 END
 302   2130  0 ELUDOM
```

```
                        .TITLE  PATSTO
                        .IDENT  \V04-000\

                        .PSECT  $PLIT$,NOWRT,NOEXE,2

        4C  4E  4A  2E  00000 P.AAA:  .ASCII  \.JNL\                          :
```

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```
                              45  58  45  2E   00004 P.AAB:   .ASCII   \.EXE\
                              4D  4F  43  2E   00008 P.AAC:   .ASCII   \.COM\
             52  4F  52  52  45  24  53  59  53 0000C P.AAD:   .ASCII   \SYS$ERROR\
                                                00015         .BLKB    3
         54  55  50  54  55  4F  24  53  59  53 00018 P.AAE:   .ASCII   \SYS$OUTPUT\
                                                00022         .BLKB    2
             54  55  50  4E  49  24  53  59  53 00024 P.AAF:   .ASCII   \SYS$INPUT\

                                                            .PSECT   $OWN$,NOEXE,2

                                                00000 PAT$GB_OUTBUF:
                                                            .BLKB    512

                                                            .PSECT   $GLOBAL$,NOEXE,2

                                                00000 PAT$GB_SUBST_IN::
                                                            .BLKB    80
                                                00050 PAT$GB_DEF_MOD::
                                                            .BLKB    28
                                                0006C PAT$GB_JNLNAME::
                                                            .BLKB    255
                                                0016B         .BLKB    1
                                                0016C PAT$GB_COMNAME::
                                                            .BLKB    255
                                                0026B         .BLKB    1
                                                0026C PAT$GB_NEWNAME::
                                                            .BLKB    255
                                                0036B         .BLKB    1
                                                0036C PAT$GB_OLDNAME::
                                                            .BLKB    255
                                                0046B         .BLKB    1
                                                0046C PAT$GB_INPBUF::
                                                            .BLKB    512
                                                0066C PAT$GL_CSP_PTR::
                                                            .BLKB    4
                                                00670 PAT$GL_MC_PTR::
                                                            .BLKB    4
                                                00674 PAT$GL_NT_HASH::
                                                            .BLKB    4
                                           03   00678 PAT$GL_INPFAB::
                                           50   00679         .BYTE    3
                                         0000   0067A         .BYTE    80
                                     00000000   0067C         .WORD    0
                                     00000000   00680         .LONG    0
                                     00000000   00684         .LONG    0
                                     00000000   00688         .LONG    0
                                         0000   0068C         .WORD    0
                                           02   0068E         .BYTE    2
                                           00   0068F         .BYTE    0
                                     00000000   00690         .LONG    0
                                           00   00694         .BYTE    0
                                           00   00695         .BYTE    0
                                           00   00696         .BYTE    0
                                           02   00697         .BYTE    2
                                     00000000   00698         .LONG    0
                                     00000000   0069C         .LONG    0
```

```
00000000  006A0              .LONG    0
00000000' 006A4              .ADDRESS PAT$GB_INPNAME
00000000  006A8              .LONG    0
      09  006AC              .BYTE    9
      00  006AD              .BYTE    0
    0084  006AE              .WORD    132
00000000  006B0              .LONG    0
    0000  006B4              .WORD    0
      00  006B6              .BYTE    0
      00  006B7              .BYTE    0
00000000  006B8              .LONG    0
00000000  006BC              .LONG    0
    0000  006C0              .WORD    0
      00  006C2              .BYTE    0
      00  006C3              .BYTE    0
00000000  006C4              .LONG    0
      03  006C8  PAT$GL_OUTFAB::
                             .BYTE    3
      50  006C9              .BYTE    80
    0000  006CA              .WORD    0
00000000  006CC              .LONG    0
00000000  006D0              .LONG    0
00000000  006D4              .LONG    0
00000000  006D8              .LONG    0
    0000  006DC              .WORD    0
      01  006DE              .BYTE    1
      00  006DF              .BYTE    0
00000000  006E0              .LONG    0
      00  006E4              .BYTE    0
      00  006E5              .BYTE    0
      02  006E6              .BYTE    2
      02  006E7              .BYTE    2
00000000  006E8              .LONG    0
00000000  006EC              .LONG    0
00000000  006F0              .LONG    0
00000000' 006F4              .ADDRESS PAT$GB_OUTNAME
00000000  006F8              .LONG    0
      0A  006FC              .BYTE    10
      00  006FD              .BYTE    0
    0084  006FE              .WORD    132
00000000  00700              .LONG    0
    0000  00704              .WORD    0
      00  00706              .BYTE    0
      00  00707              .BYTE    0
00000000  00708              .LONG    0
00000000  0070C              .LONG    0
    0000  00710              .WORD    0
      00  00712              .BYTE    0
      00  00713              .BYTE    0
00000000  00714              .LONG    0
      03  00718  PAT$GL_ERRFAB::
                             .BYTE    3
      50  00719              .BYTE    80
    0000  0071A              .WORD    0
00000000  0071C              .LONG    0
00000000  00720              .LONG    0
00000000  00724              .LONG    0
```

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D 3
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```
00000000    00728              .LONG    0
    0000    0072C              .WORD    0
      01    0072E              .BYTE    1
      00    0072F              .BYTE    0
00000000    00730              .LONG    0
      00    00734              .BYTE    0
      00    00735              .BYTE    0
      02    00736              .BYTE    2
      02    00737              .BYTE    2
00000000    00738              .LONG    0
00000000    0073C              .LONG    0
00000000    00740              .LONG    0
00000000'   00744              .ADDRESS PAT$GB_ERRNAME
00000000    00748              .LONG    0
      09    0074C              .BYTE    9
      00    0074D              .BYTE    0
    0084    0074E              .WORD    132
00000000    00750              .LONG    0
    0000    00754              .WORD    0
      00    00756              .BYTE    0
      00    00757              .BYTE    0
00000000    00758              .LONG    0
00000000    0075C              .LONG    0
    0000    00760              .WORD    0
      00    00762              .BYTE    0
      00    00763              .BYTE    0
00000000    00764              .LONG    0
      01    00768    PAT$GL_INPRAB::
                                .BYTE    1
      44    00769              .BYTE    68
    0000    0076A              .WORD    0
40000000    0076C              .LONG    1073741824
00000000    00770              .LONG    0
00000000    00774              .LONG    0
   0000#    00778              .WORD    0[3]
    0000    0077E              .WORD    0
00000000    00780              .LONG    0
    0000    00784              .WORD    0
      00    00786              .BYTE    0
      00    00787              .BYTE    0
    0084    00788              .WORD    132
    0000    0078A              .WORD    0
00000000    0078C              .LONG    0
00000000    00790              .LONG    0
00000000    00794              .LONG    0
00000000    00798              .LONG    0
      00    0079C              .BYTE    0
      00    0079D              .BYTE    0
      00    0079E              .BYTE    0
      00    0079F              .BYTE    0
00000000    007A0              .LONG    0
00000000'   007A4              .ADDRESS PAT$GL_INPFAB
00000000    007A8              .LONG    0
      01    007AC    PAT$GL_OUTRAB::
                                .BYTE    1
      44    007AD              .BYTE    68
    0000    007AE              .WORD    0
```

```
00000000  007B0              .LONG    0
00000000  007B4              .LONG    0
00000000  007B8              .LONG    0
    0000# 007BC              .WORD    0[3]
    0000  007C2              .WORD    0
00000000  007C4              .LONG    0
    0000  007C8              .WORD    0
      00  007CA              .BYTE    0
      00  007CB              .BYTE    0
    0000  007CC              .WORD    0
    0000  007CE              .WORD    0
00000000  007D0              .LONG    0
00000000  007D4              .LONG    0
00000000  007D8              .LONG    0
00000000  007DC              .LONG    0
      00  007E0              .BYTE    0
      00  007E1              .BYTE    0
      00  007E2              .BYTE    0
      00  007E3              .BYTE    0
00000000  007E4              .LONG    0
00000000' 007E8              .ADDRESS PAT$GL_OUTFAB
00000000  007EC              .LONG    0
      01  007F0  PAT$GL_ERRRAB::
                              .BYTE    1
      44  007F1              .BYTE    68
    0000  007F2              .WORD    0
80000000  007F4              .LONG    -2147483648
00000000  007F8              .LONG    0
00000000  007FC              .LONG    0
    0000# 00800              .WORD    0[3]
    0000  00806              .WORD    0
00000000  00808              .LONG    0
    0000  0080C              .WORD    0
      00  0080E              .BYTE    0
      00  0080F              .BYTE    0
    0000  00810              .WORD    0
    0000  00812              .WORD    0
00000000  00814              .LONG    0
00000000  00818              .LONG    0
00000000  0081C              .LONG    0
00000000  00820              .LONG    0
      00  00824              .BYTE    0
      00  00825              .BYTE    0
      00  00826              .BYTE    0
      00  00827              .BYTE    0
00000000  00828              .LONG    0
00000000' 0082C              .ADDRESS PAT$GL_ERRFAB
00000000  00830              .LONG    0
      02  00834  PAT$GL_OLDNBK::
                              .BYTE    2
      60  00835              .BYTE    96
      FF  00836              .BYTE    -1
      00  00837              .BYTE    0
00000000' 00838              .ADDRESS PAT$GB_OLDNAME
      00  0083C              .BYTE    0
      00  0083D              .BYTE    0
      FF  0083E              .BYTE    -1
```

```
           00   0083F                    .BYTE    0
     00000000'  00840                    .ADDRESS PAT$GB_OLDNAME
     00000000   00844                    .LONG    0
         0000#  00848                    .WORD    0[8]
         0000#  00858                    .WORD    0[3]
         0000#  0085E                    .WORD    0[3]
     00000000   00864                    .LONG    0
     00000000   00868                    .LONG    0
           00   0086C                    .BYTE    0
           00   0086D                    .BYTE    0
           00   0086E                    .BYTE    0
           00   0086F                    .BYTE    0
           00   00870                    .BYTE    0
           00   00871                    .BYTE    0
          00#   00872                    .BYTE    0[2]
     00000000   00874                    .LONG    0
     00000000   00878                    .LONG    0
     00000000   0087C                    .LONG    0
     00000000   00880                    .LONG    0
     00000000   00884                    .LONG    0
     00000000   00888                    .LONG    0
    00000000#   0088C                    .LONG    0[2]
           02   00894  PAT$GL_JNLNBK::
                                         .BYTE    2
           60   00895                    .BYTE    96
           FF   00896                    .BYTE    -1
           00   00897                    .BYTE    0
     00000000'  00898                    .ADDRESS PAT$GB_JNLNAME
           00   0089C                    .BYTE    0
           00   0089D                    .BYTE    0
           FF   0089E                    .BYTE    -1
           00   0089F                    .BYTE    0
     00000000'  008A0                    .ADDRESS PAT$GB_JNLNAME
     00000000'  008A4                    .ADDRESS PAT$GL_OLDNBK
         0000#  008A8                    .WORD    0[8]
         0000#  008B8                    .WORD    0[3]
         0000#  008BE                    .WORD    0[3]
     00000000   008C4                    .LONG    0
     00000000   008C8                    .LONG    0
           00   008CC                    .BYTE    0
           00   008CD                    .BYTE    0
           00   008CE                    .BYTE    0
           00   008CF                    .BYTE    0
           00   008D0                    .BYTE    0
           00   008D1                    .BYTE    0
          00#   008D2                    .BYTE    0[2]
     00000000   008D4                    .LONG    0
     00000000   008D8                    .LONG    0
     00000000   008DC                    .LONG    0
     00000000   008E0                    .LONG    0
     00000000   008E4                    .LONG    0
     00000000   008E8                    .LONG    0
    00000000#   008EC                    .LONG    0[2]
           02   008F4  PAT$GL_COMNBK::
                                         .BYTE    2
           60   008F5                    .BYTE    96
           FF   008F6                    .BYTE    -1
```

```
       00  008F7              .BYTE   0
00000000'  008F8              .ADDRESS  PAT$GB_COMNAME
       00  008FC              .BYTE   0
       00  008FD              .BYTE   0
       FF  008FE              .BYTE   -1
       00  008FF              .BYTE   0
00000000'  00900              .ADDRESS  PAT$GB_COMNAME
00000000'  00904              .ADDRESS  PAT$GL_OLDNBK
    0000#  00908              .WORD   0[8]
    0000#  00918              .WORD   0[3]
    0000#  0091E              .WORD   0[3]
00000000   00924              .LONG   0
00000000   00928              .LONG   0
       00  0092C              .BYTE   0
       00  0092D              .BYTE   0
       00  0092E              .BYTE   0
       00  0092F              .BYTE   0
       00  00930              .BYTE   0
       00  00931              .BYTE   0
      00#  00932              .BYTE   0[2]
00000000   00934              .LONG   0
00000000   00938              .LONG   0
00000000   0093C              .LONG   0
00000000   00940              .LONG   0
00000000   00944              .LONG   0
00000000   00948              .LONG   0
0000000#  0094C              .LONG   0[2]
       02  00954  PAT$GL_NEWNBK::
                                .BYTE   2
       60  00955              .BYTE   96
       FF  00956              .BYTE   -1
       00  00957              .BYTE   0
00000000'  00958              .ADDRESS  PAT$GB_NEWNAME
       00  0095C              .BYTE   0
       00  0095D              .BYTE   0
       FF  0095E              .BYTE   -1
       00  0095F              .BYTE   0
00000000'  00960              .ADDRESS  PAT$GB_NEWNAME
00000000'  00964              .ADDRESS  PAT$GL_OLDNBK
    0000#  00968              .WORD   0[8]
    0000#  00978              .WORD   0[3]
    0000#  0097E              .WORD   0[3]
00000000   00984              .LONG   0
00000000   00988              .LONG   0
       00  0098C              .BYTE   0
       00  0098D              .BYTE   0
       00  0098E              .BYTE   0
       00  0098F              .BYTE   0
       00  00990              .BYTE   0
       00  00991              .BYTE   0
      00#  00992              .BYTE   0[2]
00000000   00994              .LONG   0
00000000   00998              .LONG   0
00000000   0099C              .LONG   0
00000000   009A0              .LONG   0
00000000   009A4              .LONG   0
00000000   009A8              .LONG   0
```

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```
            00000000#  009AC          .LONG   0[2]
                  1D   009B4  PAT$GL_OLDXABFH::
                                      .BYTE   29
                  2C   009B5          .BYTE   44
                0000   009B6          .WORD   0
            00000000   009B8          .LONG   0
            00000000#  009BC          .LONG   0[9]
                  14   009E0  PAT$GL_NEWXABALL::
                                      .BYTE   20
                  20   009E1          .BYTE   32
                0000   009E2          .WORD   0
            00000000   009E4          .LONG   0
                  01   009E8          .BYTE   1
                  00   009E9          .BYTE   0
                0000   009EA          .WORD   0
            00000000   009EC          .LONG   0
            00000000   009F0          .LONG   0
                0000   009F4          .WORD   0
                  00   009F6          .BYTE   0
                  00   009F7          .BYTE   0
     0000  0000  0000  009F8          .WORD   0, 0, 0
                0000   009FE          .WORD   0
                  03   00A00  PAT$GL_JNLFAB::
                                      .BYTE   3
                  50   00A01          .BYTE   80
                0000   00A02          .WORD   0
            22000000   00A04          .LONG   570425344
            00000000   00A08          .LONG   0
            00000000   00A0C          .LONG   0
            00000000   00A10          .LONG   0
                0000   00A14          .WORD   0
                  01   00A16          .BYTE   1
                  20   00A17          .BYTE   32
            00000000   00A18          .LONG   0
                  00   00A1C          .BYTE   0
                  00   00A1D          .BYTE   0
                  02   00A1E          .BYTE   2
                  02   00A1F          .BYTE   2
            00000000   00A20          .LONG   0
            00000000   00A24          .LONG   0
            00000000'  00A28          .ADDRESS  PAT$GL_JNLNBK
            00000000   00A2C          .LONG   0
            00000000'  00A30          .ADDRESS  PAT$B_DEFJNL
                  00   00A34          .BYTE   0
                  04   00A35          .BYTE   4
                0200   00A36          .WORD   512
            00000000   00A38          .LONG   0
                0000   00A3C          .WORD   0
                  00   00A3E          .BYTE   0
                  00   00A3F          .BYTE   0
            00000000   00A40          .LONG   0
            00000000   00A44          .LONG   0
                0000   00A48          .WORD   0
                  00   00A4A          .BYTE   0
                  00   00A4B          .BYTE   0
            00000000   00A4C          .LONG   0
                  03   00A50  PAT$GL_COMFAB::
```

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I_3
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14-Sep-1984 12:52:48   DISK$VMSMASTER:[PATCH.SRC]PATSTO.B32;1   (2)

```
              50    00A51              .BYTE   80
            0000    00A52              .WORD   0
        20000000    00A54              .LONG   536870912
        00000000    00A58              .LONG   0
        00000000    00A5C              .LONG   0
        00000000    00A60              .LONG   0
            0000    00A64              .WORD   0
              01    00A66              .BYTE   1
              20    00A67              .BYTE   32
        00000000    00A68              .LONG   0
              00    00A6C              .BYTE   0
              00    00A6D              .BYTE   0
              02    00A6E              .BYTE   2
              02    00A6F              .BYTE   2
        00000000    00A70              .LONG   0
        00000000    00A74              .LONG   0
       00000000'    00A78              .ADDRESS PAT$GL_COMNBK
        00000000    00A7C              .LONG   0
       00000000'    00A80              .ADDRESS PAT$B_DEFCOM
              00    00A84              .BYTE   0
              04    00A85              .BYTE   4
            0200    00A86              .WORD   512
        00000000    00A88              .LONG   0
            0000    00A8C              .WORD   0
              00    00A8E              .BYTE   0
              00    00A8F              .BYTE   0
        00000000    00A90              .LONG   0
        00000000    00A94              .LONG   0
            0000    00A98              .WORD   0
              00    00A9A              .BYTE   0
              00    00A9B              .BYTE   0
        00000000    00A9C              .LONG   0
              03    00AA0    PAT$GL_NEWFAB::
                                       .BYTE   3
              50    00AA1              .BYTE   80
            0000    00AA2              .WORD   0
        20000000    00AA4              .LONG   536870912
        00000000    00AA8              .LONG   0
        00000000    00AAC              .LONG   0
        00000000    00AB0              .LONG   0
            0000    00AB4              .WORD   0
              53    00AB6              .BYTE   83
              20    00AB7              .BYTE   32
        00000000    00AB8              .LONG   0
              00    00ABC              .BYTE   0
              00    00ABD              .BYTE   0
              00    00ABE              .BYTE   0
              01    00ABF              .BYTE   1
        00000000    00AC0              .LONG   0
       00000000'    00AC4              .ADDRESS PAT$GL_NEWXABALL
       00000000'    00AC8              .ADDRESS PAT$GL_NEWNBK
        00000000    00ACC              .LONG   0
       00000000'    00AD0              .ADDRESS PAT$B_DEFIMG
              00    00AD4              .BYTE   0
              04    00AD5              .BYTE   4
            0200    00AD6              .WORD   512
```

```
00000000   00AD8              .LONG    0
    0000   00ADC              .WORD    0
      00   00ADE              .BYTE    0
      00   00ADF              .BYTE    0
00000000   00AE0              .LONG    0
00000000   00AE4              .LONG    0
    0000   00AE8              .WORD    0
      00   00AEA              .BYTE    0
      00   00AEB              .BYTE    0
00000000   00AEC              .LONG    0
      03   00AF0   PAT$GL_OLDFAB::
                              .BYTE    3
      50   00AF1              .BYTE    80
    0000   00AF2              .WORD    0
00020000   00AF4              .LONG    131072
00000000   00AF8              .LONG    0
00000000   00AFC              .LONG    0
00000000   00B00              .LONG    0
    0000   00B04              .WORD    0
      02   00B06              .BYTE    2
      00   00B07              .BYTE    0
00000000   00B08              .LONG    0
      00   00B0C              .BYTE    0
      00   00B0D              .BYTE    0
      00   00B0E              .BYTE    0
      02   00B0F              .BYTE    2
00000000   00B10              .LONG    0
00000000'  00B14              .ADDRESS PAT$GL_OLDXABFH
00000000'  00B18              .ADDRESS PAT$GL_OLDNBK
00000000   00B1C              .LONG    0
00000000'  00B20              .ADDRESS PAT$B_DEFIMG
      00   00B24              .BYTE    0
      04   00B25              .BYTE    4
    0000   00B26              .WORD    0
00000000   00B28              .LONG    0
    0000   00B2C              .WORD    0
      00   00B2E              .BYTE    0
      00   00B2F              .BYTE    0
00000000   00B30              .LONG    0
00000000   00B34              .LONG    0
    0000   00B38              .WORD    0
      00   00B3A              .BYTE    0
      00   00B3B              .BYTE    0
00000000   00B3C              .LONG    0
      01   00B40   PAT$GL_JNLRAB::
                              .BYTE    1
      44   00B41              .BYTE    68
    0000   00B42              .WORD    0
00000100   00B44              .LONG    256
00000000   00B48              .LONG    0
00000000   00B4C              .LONG    0
    0000   00B50              .WORD    0[3]
    0000   00B56              .WORD    0
00000000   00B58              .LONG    0
    0000   00B5C              .WORD    0
      00   00B5E              .BYTE    0
      00   00B5F              .BYTE    0
```

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K 3
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```
          0000   00B60              .WORD    0
          0200   00B62              .WORD    512
      00000000   00B64              .LONG    0
      00000000'  00B68              .ADDRESS PAT$GB_OUTBUF
      00000000   00B6C              .LONG    0
      00000000   00B70              .LONG    0
            00   00B74              .BYTE    0
            00   00B75              .BYTE    0
            00   00B76              .BYTE    0
            00   00B77              .BYTE    0
      00000000   00B78              .LONG    0
      00000000'  00B7C              .ADDRESS PAT$GL_JNLFAB
      00000000   00B80              .LONG    0
            01   00B84    PAT$GL_COMRAB::
                                    .BYTE    1
            44   00B85              .BYTE    68
          0000   00B86              .WORD    0
      00000000   00B88              .LONG    0
      00000000   00B8C              .LONG    0
      00000000   00B90              .LONG    0
          0000#  00B94              .WORD    0[3]
          0000   00B9A              .WORD    0
      00000000   00B9C              .LONG    0
          0000   00BA0              .WORD    0
            00   00BA2              .BYTE    0
            00   00BA3              .BYTE    0
          0000   00BA4              .WORD    0
          0200   00BA6              .WORD    512
      00000000   00BA8              .LONG    0
      00000000'  00BAC              .ADDRESS PAT$GB_OUTBUF
      00000000   00BB0              .LONG    0
      00000000   00BB4              .LONG    0
            00   00BB8              .BYTE    0
            00   00BB9              .BYTE    0
            00   00BBA              .BYTE    0
            00   00BBB              .BYTE    0
      00000000   00BBC              .LONG    0
      00000000'  00BC0              .ADDRESS PAT$GL_COMFAB
      00000000   00BC4              .LONG    0
            01   00BC8    PAT$GL_OLDRAB::
                                    .BYTE    1
            44   00BC9              .BYTE    68
          0000   00BCA              .WORD    0
      00000000   00BCC              .LONG    0
      00000000   00BD0              .LONG    0
      00000000   00BD4              .LONG    0
          0000#  00BD8              .WORD    0[3]
          0000   00BDE              .WORD    0
      00000000   00BE0              .LONG    0
          0000   00BE4              .WORD    0
            00   00BE6              .BYTE    0
            00   00BE7              .BYTE    0
          0200   00BE8              .WORD    512
          0200   00BEA              .WORD    512
      00000000'  00BEC              .ADDRESS PAT$GB_INPBUF
      00000000'  00BF0              .ADDRESS PAT$GB_INPBUF
      00000000   00BF4              .LONG    0
```

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L 3
16-Sep-1984 00:09:44   VAX-11 Bliss-32 V4.0-742   Page 17
14-Sep-1984 12:52:48   DISK$VMSMASTER:[PATCH.SRC]PATSTO.B32;1 (2)

```
00000000    00BF8              .LONG    0
      00    00BFC              .BYTE    0
      00    00BFD              .BYTE    0
      00    00BFE              .BYTE    0
      00    00BFF              .BYTE    0
00000000    00C00              .LONG    0
00000000'   00C04              .ADDRESS PAT$GL_OLDFAB
00000000    00C08              .LONG    0
      01    00C0C PAT$GL_NEWRAB::
                                .BYTE    1
      44    00C0D              .BYTE    68
    0000    00C0E              .WORD    0
00000000    00C10              .LONG    0
00000000    00C14              .LONG    0
00000000    00C18              .LONG    0
    0000    00C1C              .WORD    0[3]
    0000    00C22              .WORD    0
00000000    00C24              .LONG    0
    0000    00C28              .WORD    0
      00    00C2A              .BYTE    0
      00    00C2B              .BYTE    0
    0000    00C2C              .WORD    0
    0200    00C2E              .WORD    512
00000000    00C30              .LONG    0
00000000'   00C34              .ADDRESS PAT$GB_OUTBUF
00000000'   00C38              .LONG    0
00000000'   00C3C              .LONG    0
      00    00C40              .BYTE    0
      00    00C41              .BYTE    0
      00    00C42              .BYTE    0
      00    00C43              .BYTE    0
00000000    00C44              .LONG    0
00000000'   00C48              .ADDRESS PAT$GL_NEWFAB
00000000    00C4C              .LONG    0
            00C50 PAT$GL_CONTEXT::
                                .BLKB    4
            00C54 PAT$GL_COMQUAL::
                                .BLKB    4
            00C58 PAT$GB_ECOLVL::
                                .BLKB    1
            00C59 PAT$GB_EXEC_CMD::
                                .BLKB    1
            00C5A PAT$GB_SYMBOLS::
                                .BLKB    1
            00C5B PAT$GB_LOC_TYPE::
                                .BLKB    1
            00C5C PAT$GB_TAKE_CMD::
                                .BLKB    1
            00C5D              .BLKB    3
            00C60 PAT$GL_HELP_LIN::
                                .BLKB    8
            00C68 PAT$CP_OUT_STR::
                                .BLKB    4
            00C6C PAT$GB_MOD_PTR::
                                .BLKB    4
            00C70 PAT$GL_ISVADDR::
                                .BLKB    8
```

PATSTO
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M 3
16-Sep-1984 00:09:44   VAX-11 BLiss-32 V4.0-742   Page 18
14-Sep-1984 12:52:48   DISK$VMSMASTER:[PATCH.SRC]PATSTO.B32;1 (2)

```
                                  00C78 PAT$GL_SEMAN1::
                                          .BLKB    160
                                  00D18 PAT$GL_SEMAN2::
                                          .BLKB    160
                                  00DB8 PAT$GL_ECO_UPD::
                                          .BLKB    16
00000000  00000000  00DC8 PAT$GL_MEMLHD::
                                          .LONG    0, 0
00000000  00000000  00DD0 PAT$GL_TEMP_BUF::
                                          .LONG    0, 0
00000000  00000000  00DD8 PAT$GL_OLD_ASD::
                                          .LONG    0, 0
00000000  00000000  00DE0 PAT$GL_NEW_ASD::
                                          .LONG    0, 0
00000000  00000000  00DE8 PAT$GL_RLOC_BUF::
                                          .LONG    0, 0
                                  00DF0 PAT$CP_INP_DSCS::
                                          .BLKB    4
                                  00DF4 PAT$GL_BR_DISPL::
                                          .BLKB    4
          00000000  00DF8 PAT$GL_CHANUM::
                                          .LONG    0
                                  00DFC PAT$GL_ERRCODE::
                                          .BLKB    4
                                  00E00 PAT$GL_EXPANDVA::
                                          .BLKB    4
                                  00E04 PAT$GL_NEWVBNMX::
                                          .BLKB    4
                                  00E08 PAT$GL_NEWVPNMX::
                                          .BLKB    4
                                  00E0C PAT$GL_OLDVBNMX::
                                          .BLKB    4
                                  00E10 PAT$GL_FWRLHD::
                                          .BLKB    4
                                  00E14 PAT$GL_PAL_LHD::
                                          .BLKB    4
                                  00E18 PAT$GL_PATAREA::
                                          .BLKB    4
                                  00E1C PAT$GL_RST_BEGN::
                                          .BLKB    4
                                  00E20 PAT$GL_SYMHEAD::
                                          .BLKB    4
                                  00E24 PAT$GL_OLDLABLS::
                                          .BLKB    4
                                  00E28 PAT$GL_NEWLABLS::
                                          .BLKB    4
                                  00E2C PAT$GL_RLCLABLS::
                                          .BLKB    4
                                  00E30 PAT$GL_SYMTBPTR::
                                          .BLKB    4
          40000000  00E34 PAT$GL_MINADDR::
                                          .LONG    1073741824
                                  00E38 PAT$GL_ISELHD::
                                          .BLKB    4
                                  00E3C PAT$GL_ISETAIL::
                                          .BLKB    4
                                  00E40 PAT$GL_TXTLHD::
```

```
                                        .BLKB   4
                          00E44 PAT$GL_TXTFREE::
                                        .BLKB   4
                          00E48 PAT$GL_TXTTAIL::
                                        .BLKB   4
                          00E4C PAT$GL_IMGBLKS::
                                        .BLKB   4
                          00E50 PAT$GW_IMGVOL::
                                        .BLKB   2
                          00E52         .BLKB   2
                          00E54 PAT$GL_FLAGS::
                                        .BLKB   4
                          00E58 PAT$GL_IHPPTR::
                                        .BLKB   4
                          00E5C PAT$GL_IMGHDR::
                                        .BLKB   4
                          00E60 PAT$GL_BUF_SIZ::
                                        .BLKB   4
                          00E64 PAT$GL_KEYW_TBL::
                                        .BLKB   4
                          00E68 PAT$GL_HEAD_LST::
                                        .BLKB   4
                          00E6C PAT$GL_TAIL_LST::
                                        .BLKB   4
                          00E70 PAT$GL_LAST_LOC::
                                        .BLKB   4
                          00E74 PAT$GL_LAST_VAL::
                                        .BLKB   4
                          00E78 PAT$GL_NEXT_LOC::
                                        .BLKB   4
                          00E7C PAT$GW_IMGTYP::
                                        .BLKB   2

                          PAT$B_DEFJNL=          P.AAA
                          PAT$B_DEFIMG=          P.AAB
                          PAT$B_DEFCOM=          P.AAC
                          PAT$GB_ERRNAME==       P.AAD
                          PAT$GB_OUTNAME==       P.AAE
                          PAT$GB_INPNAME==       P.AAF
                          PAT$K_MEMEXP==         20
                          PAT$K_MAXBLKSIZ==      10240
                          PAT$K_ERRNAMLNG==      9
                          PAT$K_INPNAMLNG==      9
                          PAT$K_OUTNAMLNG==      10
```

```
;                    PSECT SUMMARY
;
;       Name                 Bytes                 Attributes
;
; $SPLIT$                 45 NOVEC,NOWRT,  RD .NOEXE,NOSHR, LCL, REL, CON,NOPIC,ALIGN(2)
; $OWN$                  512 NOVEC,  WRT,  RD .NOEXE,NOSHR, LCL, REL, CON,NOPIC,ALIGN(2)
; $GLOBAL$              3710 NOVEC,  WRT,  RD .NOEXE,NOSHR, LCL, REL, CON,NOPIC,ALIGN(2)
; . ABS .                  0 NOVEC,NOWRT,NORD .NOEXE,NOSHR, LCL, ABS, CON,NOPIC,ALIGN(0)
```

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B 4
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```
:                      Library Statistics
:
:                                 -------- Symbols --------   Pages      Processing
:           File                  Total   Loaded   Percent   Mapped     Time
:
:   _$255$DUA28:[SYSLIB]STARLET.L32;1    9776      53         0        581       00:01.0




:                      COMMAND QUALIFIERS

:        BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/VARIANT:1/LIS=LIS$:PATSTO/OBJ=OBJ$:PATSTO MSRC$:PATSTO/UPDATE=(ENH$:PATSTO)

: Size:          0 code + 4267 data bytes
: Run Time:         00:28.1
: Elapsed Time:     01:16.3
: Lines/CPU Min:     4543
: Lexemes/CPU-Min: 60554
: Memory Used:   187 pages
: Compilation Complete
```

PHONE

PATSYM
LIS

PHONE
MAP

BASICCMDS
LIS

PATSTO
LIS

PATVEC
LIS

PHONEREQ
REQ

PATWRT
LIS

FILECMDS
LIS